WHAT IS CLAIMED IS

1. A needle-stick safety syringe, comprising:

an inner tubular body, plunger, and needle extending from a distal end of said inner tubular body;

an outer tubular housing concentric with and sized to fit around at least a portion of said inner tubular body and to slide freely thereon;

a spring disposed to bias apart said inner tubular body and said outer tubular housing;

a recess defined within an interior wall surface of said outer tubular housing; and

a latch attached to a distal end of said inner tubular body, said latch including a ring-shaped collar permanently attached to said distal end of said inner tubular body and having an outer diameter sized to slide freely within said outer tubular housing and further including a cantilevered push-stop, said cantilevered push-stop including a portion sized to fit within said recess when said latch is sufficiently disposed within said outer tubular housing, said latch push-stop engaging against a distal edge of said outer tubular housing to oppose bias of said spring;

wherein when said cantilevered push-stop is urged away from said outer tubular housing, said spring biases said outer tubular housing over said latch and said recess engages a portion of said push-stop.

- 2. The syringe of claim 1, wherein said recess defines an annular shape within said interior wall surface of said outer tubular housing.
- 3. The syringe of claim 1, wherein said recess is disposed adjacent a proximal end of said outer tubular housing.
- The syringe of claim 1, further including an exterior trigger disposed
 on an outer surface of said outer tubular housing adjacent a distal end
 thereof;

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wherein user-exerted force on said exterior trigger urges said cantilevered push-stop away from said outer tubular housing.

- 5. The syringe of claim 4, wherein said exterior trigger is a cantilevertrigger.
 - 6. The syringe of claim 4, wherein said exterior trigger is selected from a material group consisting of (a) rubber, (b) plastic, and (c) flexible metal.
- 7. The syringe of claim 1, wherein said spring is disposed within said outer tubular housing.
 - 8. A needle-stick safety syringe, comprising:

an inner tubular body, plunger, and needle extending from a distal end of said inner tubular body;

an outer tubular housing concentric with and sized to fit around at least a portion of said inner tubular body and to slide freely thereon;

a spring disposed within said outer tubular housing to bias apart said inner tubular body and said outer tubular housing;

a recess defining an annulus within an interior wall surface of said outer tubular housing adjacent a proximal end of said outer tubular housing; and

a latch attached to a distal end of said inner tubular body, said latch including a ring-shaped collar permanently attached to said distal end of said inner tubular body and having an outer diameter sized to slide freely within said outer tubular housing and further including a cantilevered push-stop, said cantilevered push-stop including a portion sized to fit within said recess when said latch is sufficiently disposed within said outer tubular housing, said latch push-stop engaging against a distal edge of said outer tubular housing to oppose bias of said spring;

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wherein when said cantilevered push-stop is urged away from said outer tubular housing, said spring biases said outer tubular housing over said latch and said recess engages a portion of said push-stop.

9. The syringe of claim 8, further including an exterior trigger disposed on an outer surface of said outer tubular housing adjacent a distal end thereof:

wherein user-exerted force on said exterior trigger urges said cantilevered push-stop away from said outer tubular housing.

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- 10. The syringe of claim 9, wherein said exterior trigger is a cantilever trigger.
- 11. The syringe of claim 9, wherein said exterior trigger is selected15 from a material group consisting of (a) rubber, (b) plastic, and (c) flexible metal.
 - 12. A method of fabricating a needle stick safety syringe, comprising the following steps:
 - (A) providing an inner tubular body, plunger, and needle extending from a distal end of said inner tubular body;
 - (B) providing an outer tubular housing concentric with and sized to fit around at least a portion of said inner tubular body and to slide freely thereon;
 - (C) disposing a spring within said outer tubular housing to bias apart said inner tubular body and said outer tubular housing;
 - (D) defining an annulus-shaped recess within an interior wall surface of said outer tubular housing adjacent a proximal end of said outer tubular housing; and
- (E) attaching a latch to a distal end of said inner tubular body, said
 latch including a ring-shaped collar permanently attached to said distal end of
 said inner tubular body and having an outer diameter sized to slide freely
 within said outer tubular housing and further including a cantilevered push-

stop, said cantilevered push-stop including a portion sized to fit within said recess when said latch is sufficiently disposed within said outer tubular housing, said latch push-stop engaging against a distal edge of said outer tubular housing to oppose bias of said spring;

wherein when said cantilevered push-stop is urged away from said outer tubular housing, said spring biases said outer tubular housing over said latch and said recess engages a portion of said push-stop.

13. The method of claim 12, further including:

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disposing an exterior trigger on an outer surface of said outer tubular housing adjacent a distal end thereof;

wherein user-exerted force on said exterior trigger urges said cantilevered push-stop away from said outer tubular housing.

- 15 14. The method of claim 13, wherein said exterior trigger is a cantilever trigger.
 - 15. The method of claim 13, wherein said exterior trigger is selected from a material group consisting of (a) rubber, (b) plastic, and (c) flexible metal.
 - 16. A method of preventing re-use of a needle stick safety syringe, comprising the following steps:
- (A) providing a syringe having an inner tubular body, plunger, andneedle extending from a distal end of said inner tubular body;
 - (B) disposing an outer tubular housing concentric with and sized to fit around at least a portion of said inner tubular body and to slide freely thereon, said outer tubular housing having an interior wall defining a recess and said outer tubular housing being biased away from a said needle when said syringe is to be used;
 - (C) attaching a latch to a distal end of said inner tubular body, said latch including a ring-shaped collar permanently attached to said distal end of

said inner tubular body and having an outer diameter sized to slide freely within said outer tubular housing and further including a cantilevered push-stop, said cantilevered push-stop including a portion sized to fit within said recess when said latch is sufficiently disposed within said outer tubular housing, said latch push-stop engaging against a distal edge of said outer tubular housing to oppose bias of said spring;

wherein after said syringe has been used, said cantilevered push-stop is urged away from said outer tubular housing such that said outer tubular housing is biased to cover said latch and said recess engages a portion of said push-stop, wherein said needle is sheathed within a distal region of said outer tubular housing thereby preventing re-use of said syringe.

17. The method of claim 16, wherein said recess is an annulusshaped recess.

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- 18. The method of claim 16, wherein said recess is defined adjacent a proximal end of said outer tubular housing.
- 19. The method of claim 16, further including disposing a spring within
 20 said outer tubular housing to bias said outer tubular housing relative to said inner tubular body.